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PATENT  
Attorney Docket No.: 020752-000121US

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On 7/10/02



TOWNSEND and TOWNSEND and CREW LLP

By: IREVOR LUPAN

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

G. RAMANATH et al.

Application No.: 09/977,069

Filed: October 11, 2001

For: SELF-ASSEMBLED NEAR-ZERO-  
THICKNESS MOLECULAR LAYERS  
AS DIFFUSION BARRIERS FOR CU  
METALLIZATION

Examiner: To Be Assigned

Art Unit: 2811

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

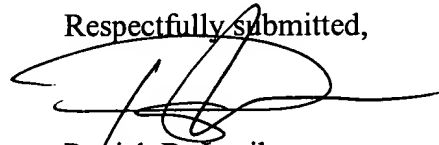
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

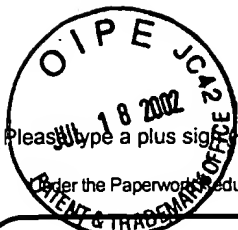
Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'Patrick R. Jewik', written over the words 'Respectfully submitted,'.

Patrick R. Jewik  
Reg. No. 40,456

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2811

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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|  |                             |                               |                 |
|--|-----------------------------|-------------------------------|-----------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | <b>Application Number</b>   | 09/977,069                    |                 |
|  | <b>Filing Date</b>          | October 11, 2001              |                 |
|  | <b>First Named Inventor</b> | Ramanath, G.                  |                 |
|  | <b>Group Art Unit</b>       | 2811                          |                 |
|  | <b>Examiner Name</b>        | To Be Assigned                |                 |
| <b>Total Number of Pages in This Submission</b>  | 4                           | <b>Attorney Docket Number</b> | 020752-000121US |

| ENCLOSURES (check all that apply)  |  |  |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment / Response<br><br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><br><input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br>Return Postcard |
| <b>Remarks</b>   |  | The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.   |

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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |  |
|--|---|--|
| <b>Firm and Individual name</b>            | Townsend and Townsend and Crew LLP<br>Patrick R. Jewik<br>Reg. No. 40,456 |  |
| <b>Signature</b>                           |   |  |
| <b>Date</b>                                | 7/10/02   |  |

| CERTIFICATE OF MAILING   |             |                     |
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| <b>Typed or printed name</b>   | Trevor Kwan |                     |
| <b>Signature</b>   |             | <b>Date</b> 7/10/02 |

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SF 1364220 v1